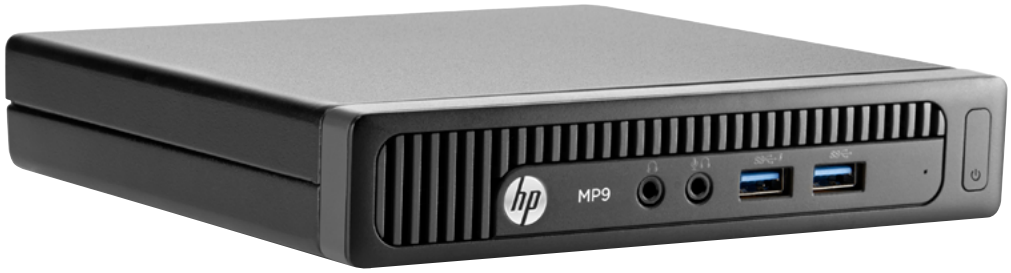
Solution brief

HP MP9 Retail System, Model 9000

Retail solution

Efficiently manage your retail business from the store floor to the back office. Boost sales and engage customers with compelling, dynamic, and interactive content with HP's smallest and most powerful retail system.



The pocket powerhouse for your entire operation

Deploy the space-saving, high-performance HP MP9, Model 9000 throughout your demanding retail environment. A range of operating system, processor, and storage options combine with flexible connectivity to fit your business from the back office to the store floor, and everywhere in between.

Small in size, big on performance

Use the HP MP9 Retail System, Model 9000 and prime your platform with the exact power you need. Blaze new retail trails with 4th generation Intel® Core™ vPro™ processors[2] with the Intel Q87 Chipset and integrated Intel HD 4600 Graphics, and up to 16 GB DDR3 non-ECC memory.[3] Then select your storage—up to 1 TB SSHD[6] or an M.2 PCIe SSD.

Use it everywhere

Install this tiny, space-saving platform across your business, anywhere you need it. Six USB ports support fast and easy connection to a wide range of standard and retail peripherals.[1] The integrated VESA mount system supports horizontal or vertical mounting under a counter, on a wall, inside a kiosk or behind an HP Digital Signage Display. The HP Quick Release Mounting Bracket can be used to mount the unit behind a display or any flat surface.

One and done serviceability

Keep working and enjoy maximum uptime with integrated remote management software. Get easy access to internal components with a single thumb screw.

Rest easy with a solution that's durable and reliable enough for the daily wear and tear of your business. It passes MIL-STD 810G testing[4] and is backed by a three-year limited warranty. Extend your protection with an optional HP Care Pack.[5]

Backed by the best.
Get deployment flexibility with a five-year lifecycle and award-winning HP service and support. A three-year limited warranty comes standard, and additional coverage up to five years is available with optional HP Care Pack Services.[1]

For more information, please visit
hp.com/go/pos

Choose your OS

Go with an operating system you know and trust—Windows 8.1 Pro[7], Windows Embedded 8.1 Industry Pro Retail[7], Windows 7 Pro, Windows Embedded POS Ready 7 or FreeDOS.

Customize your solution

Tailor the HP MP9 Retail System, Model 9000 to your specific needs . Add a display, keyboard, mouse, cash drawer, barcode scanner, printer, and more[1] with DisplayPort, USB 3.0, and audio inputs. Ditch the wired network with an optional Intel Wireless-N 7260 802.11 M.2 a/b/g/n NIC Card.[1,8]

Simplify management and enhance security

POS doesn't need to be complicated. The HP MP9 Retail System, Model 9000 allows you to enjoy simple, low-cost management with built-in features that help ensure the security of your customer data and terminals.

Control more and spend less with Intel® vPro™ AMT[5], available on select processors. Activate, configure, update, and secure your network from a single console.

Help protect your data and hardware with TPM encryption, a hood sensor that alerts you to potential tampering, and options[2] that secure your device to a desk, table or counter.

HP MP9 Retail System, Model 9000—peripheral options[1]

The HP MP9 Retail System includes the HP MP9 Retail System, Model 9000 and is compatible with a selection of peripherals, shown below:

	HP MP9 Retail System, Model 9000	Intel® Core™ processor[2], Windows 8.1 Pro[7], Windows 7 Pro (available through downgrade rights from Windows 8.1 Pro)[6,9], Windows Embedded 8.1 Industry Pro Retail. The durable, configurable chassis is made for retail environments.
Displays		
	HP L5009tm Display (VK202AA)	Use as a customer-facing or associate display. The 15" diagonal, 4:3 standard aspect ratio ensures compatibility with your retail applications.
	HP L6015tm 15-inch Retail Touch Monitor[8] (A1X78AA)	Projected Capacitive touch technology delivers an intuitive, familiar multi-touch experience and a flush-glass design for a modern look that is easy to clean. Four mounting ports accept the HP Retail Integrated 7-inch Customer Facing Display, Magnetic Stripe Reader, Biometric Fingerprint Reader, Barcode Scanner, and Webcam to enhance functionality and maximize counter space.
	HP L6017tm 17-inch Retail Touch Monitor[8] (A1X77AA)	
	HP L6010 10.4-inch Retail Monitor[8] (A1X76AA)	10-inch diagonal non-touch monitor is perfect for advertising and promotional opportunities.
	HP LCD Pole Display (F7A93AA)	Give a clear view of customers transactions and share dynamic content at the point-of-sale with this pole-mounted 7-inch diagonal LCD display. Integrates easily into your retail solution adding video and graphics to improve the customer experience.
	HP POS Pole Display (FK255AA)	Multi-size adjustable pole display provides customers with clear, easy-to-read information.

HP EliteOne 800 G1 Retail System— peripheral options[1]

Third party retail hubs

CyberData PoweredUSB 6-Port 2.0 Hub
(010630D)
cyberdata.net/products/retail/pusb/pusb6porthub20/docs.html

The CyberData PoweredUSB 6-Port Hub provides a simple and affordable way to add up to six PoweredUSB ports to a standard PC. The hub offers one +24 volt port with ample current available for a multi-station POS printer and three +12 volt ports. The PoweredUSB hub also delivers two +5 volt ports with power available to drive pole displays, hand scanners or any standard USB device.

CyberData PoweredUSB 4-Port Hub with RS232
(010845)
cyberdata.net/products/retail/pusb/pusb4portrs232hub/specs.html

The CyberData 4-port PoweredUSB 2.0 & RS232 Hub with external power supply provides a simple and affordable way to add four PoweredUSB ports to your PC that are controlled by the PC's Stand-by/Wake commands. With this PoweredUSB add-on hub, it is easy to connect devices that need more than the standard USB interface supplied 500mA of +5 volts. This hub solution also provides legacy serial device connectivity via two RS232 ports allowing you to use existing RS-232 devices until they are ready for migration.

CyberData PoweredUSB 4-Port 2.0 Hub
(010807)
cyberdata.net/products/retail/pusb/index.html

The CyberData 4-port PoweredUSB 2.0 Hub with external power supply provides a simple and affordable way to add up to four PoweredUSB ports to your PC that are controlled by the PC's Stand-by/Wake commands. With this PoweredUSB add-on hub, it is easy to connect devices that need more than the standard USB interface supplied 500mA of +5 volts.

Digi Hubport/4c+ (compact USB to 4-port powered USB hub)
(301-1157-01)
digi.com/products/usb/usbplusseries

USB PlusPower technology saves space and simplifies retail and medical system architecture by eliminating individual power supply bricks for USB peripheral devices. The USB Plus Series makes it easy to connect powered USB peripheral devices to a basic PC. The Hubport/4c+ can save space and simplify system architecture by transforming a low-cost PC into a high-performance, powered USB-compatible retail system. It offers four powered USB ports with cable locking mechanisms, which are also compatible with standard USB devices.

Cash Drawers

HP Heavy Duty Cash Drawer
(FK182AA)

Printer-driven operation, a compact footprint, and robust steel construction designed around a full-sized till. A wide selection of localized till inserts allows customized bill and coin storage.

HP USB Standard Duty Cash Drawer
(E8E45AA)

Cost-effective and retail-ready cash drawer that accepts cash, coins, and other transaction media. Delivers easy USB connectivity for your fixed retail solution, and supports standard printers.

HP Flip-Top Cash Drawer[9]
(BW867AA)

Heavy duty black case with a stainless steel lid that flips open for easy access from the top. Universal till features adjustable bill dividers and locking till cover.

HP MP9 Retail System, Model 9000—peripheral options[1] (continued)

Receipt Printers		
	HP PUSB Thermal Receipt Printer (FK224AA)	Powered USB two-color and monochrome thermal printer. Spill-resistant and compact with large paper roll capacity and one-button programming.
	HP Value PUSB Receipt Printer (F7M67AA)	Reduce cable clutter with a single Powered USB connection to the host platform. This single-station thermal receipt printer is designed for solid performance and reliability.
	HP Hybrid Printer with MICR (BM476AA)	Dual-station, two-color or monochrome thermal printer for receipts or impact slip printer for inserted forms and checks.
	Epson TM-T88V Thermal Receipt Printer (E1Q93AA)	Designed for use in food service and retail environments, the TM-T88V offers more speed, features and reliability than ever before.
Barcode Scanners		
	HP 2D Value Wireless Scanner	Affordable, 1D/2D wireless scanner to minimize clutter and enable easy scanning from the store floor to the back office. New illumination and aiming system that helps decrease eye fatigue and boost efficiency. Bluetooth enabled.
	HP Imaging Barcode Scanner (BW868AA)	Omni-directional scanner decodes most common 1D and 2D barcodes, and reads barcodes from a mobile device; camera mode imager allows enhanced data collection.
	HP Presentation Barcode Scanner (QY439AA)	On-counter presentation scanner offers a sleek design, small footprint, and efficient capture of most common 1D and 2D barcodes and barcodes from mobile devices. Brackets are included so you can mount it where you need it.
	HP Linear Barcode Scanner (QY405AA)	Reads most common 1D barcodes, barcodes presented on mobile devices, and even barcodes that are poorly printed or damaged. Use as a handheld or set it in the stand.
	HP Wireless Barcode Scanner (E6P34AA)	Used in conjunction with HP Retail Systems, the HP Wireless Barcode Scanner reads a range of codes and recharges in the included presentation stand, minimizing clutter in the workspace.
Additional Peripherals		
	HP Mini Magnetic Stripe Reader with Brackets (FK186AA)	3.5 inches long with bi-directional read capability that distinguishes between magnetic data formats and provides configuration of magnetic stripe data output format.
	HP POS Keyboard with MSR (FK218AA)	Full QWERTY layout and integrated MSR in a compact 14-inch design for optimum space efficiency in retail environments with limited room.

HP MP9 Retail System, Model 9000—peripheral options[1] (continued)

Retail Integrated Peripherals (for use with the HP L6015tm and HP L6017tm Touch Monitors)

	HP Retail Integrated 7-inch Customer Facing Display (F7A92AA)	Give customers a clear view of their transactions and share dynamic content at the point-of-sale with this 7-inch diagonal LCD display. Integrates easily into your retail solution adding video content and graphics to improve the customer experience.
	HP Retail Integrated Barcode Scanner (E6N62AV/EIL07AA)	Quickly and accurately reads 1D and 2D barcodes, including driver's licenses and codes from mobile device screens.
	HP Retail Integrated Dual-Head MSR (QZ673AA)	Supports magnetic stripe reader credit card transactions or loyalty card integration without adding clutter to the retail work space.
	HP Retail Integrated Fingerprint Reader (QZ672AA)	Eliminates password sign-in hassles and buddy-sign-in and enables additional security for employee authentication and manager approvals/transaction overrides.[10]
	HP Retail Integrated Webcam[11] (QZ700AA)	Enables interactive technical support for retail serviceability; supports personalized customer interface with online/remote CSRs in a kiosk setup.

For a full listing of peripherals, please visit **hp.com/go/pos**

[1] Sold separately.
[2] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
[3] Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
[4] MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Tests passed include: High Temperature (Operational), High Temperature (Non-Operational), Low Temperature, Altitude, Humidity, Temperature Shock, Dust, Drop, Vibration, and Shock.
[5] Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
[6] Some functionality of vPro, such as Intel® Active Management Technology and Intel Virtualization Technology, requires additional third party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on third party software providers. Microsoft Windows required.
[7] Not all features are available in all editions of Windows Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.
[8] Wireless access point and internet service required. Availability of public wireless access points limited.
[9] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
[10] Monitor comes standard as head only. HP Height-Adjustable Stand for Touch Monitors (A1X81AA) is available for HP L6015tm and L6017tm. The HP Dual Position L6010 Stand (A1X79AA) is available for separate purchase for the HP L6010 Display.
[11] Available in EMEA only.
[12] Requires fingerprint reader-enabled software/application, sold separately.
[13] Internet access, sold separately, is required for transmission of images and video over a network using the webcam.

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